

## Sert el çarkları

### Duroplast, çelik göbek

#### MALZEME

Yüksek dayanımlı, güçlendirilmiş fenolik bazlı (PF) Duroplast, siyah renk, parlak yüzey.

#### HALKA

Mat anodize edilmiş alüminyum.  
(ELES A Orijinal tasarım - Reg. U.S. Pat. & TM Kapalı.)

#### STANDART UYGULAMALAR

- H7 ayarlı delikli kara-oksit çelik göbek.
- Kama kanalıyla uygulamalar için H9 ayarlı delik.
- **VDN.FP-A**: kolsuz.
- **VDN.FP+I-A**: döner kolu I.301+x (bkz. sayfa ) Duroplast.
- **VDN.FP+IR-A**: katlanır kol ile IR.407 Duroplast.
- **VDN.FP+IRS-A**: otomatik katlanır emniyet kolu ile "Fold-O-matic"® tip IRS.820 (bkz. sayfa ) teknopolimer.
- **K**: ile uyumlu delik veya kama kanalı ile yapılan uygulamalar için dizin DIN 6885/1 (bkz. sayfa A-16), tolerans P9'a uygun olarak): 73650-10-K VDN.50 FP-A10-K
- Standarttan farklı delikler oluşturmak için delinmemiş kara-oksit çelik göbek:
- **VDN.FP**: kolsuz.
- **VDN.FP+I**: döner kolu I.301+x (bkz. sayfa ) Duroplast.
- **VDN.FP+IR**: katlanır kol ile IR.407 Duroplast.
- **VDN.FP+IRS**: otomatik katlanır emniyet kolu "Fold-O-matic"® IRS.820 (bkz. sayfa ) teknopolimer.

#### TALEP ÜZERİNE AKSESUARLAR

Siyah oksilenmiş dikey muhafaza rondela GN 184 (bkz. sayfa ).

#### TALEP ÜZERİNE ÖZEL UYGULAMALAR

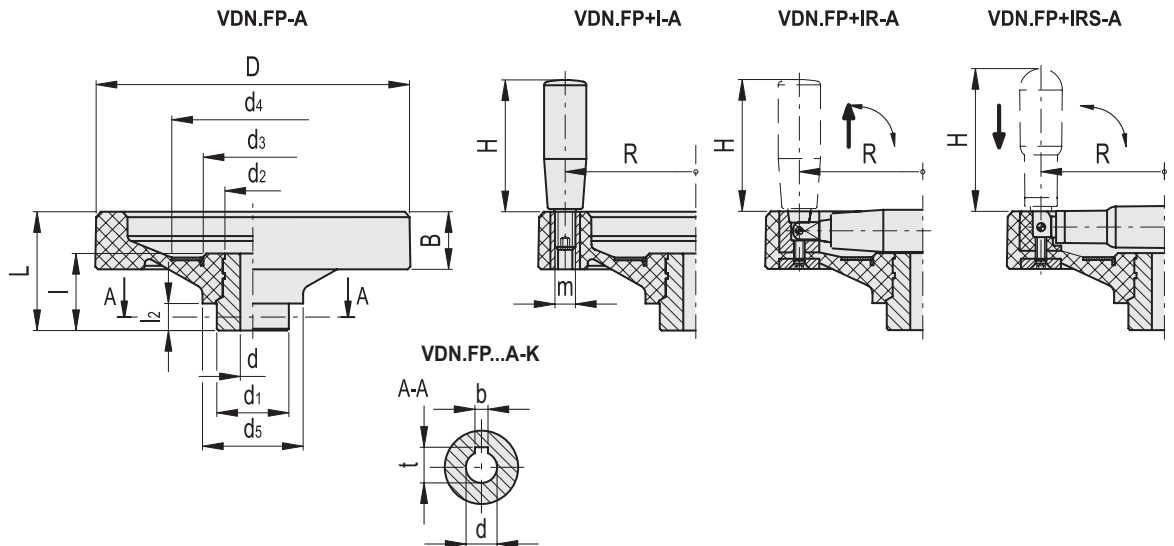
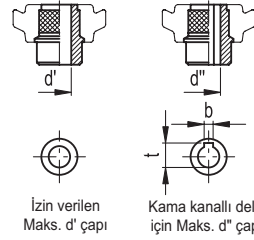
El çarkları merkezi denge ağırlıkları ile.  
Çapraz delikli el çarklarının uygunluğu: GN 110 (bkz. sayfa ).

#### ERGONOMİ

İç arka kısımda bulunan tarak şekilli kenar kısmı el çarkının daha rahat kavranıp döndürülmesini mümkün kılar.



ELES A Original design



## VDN.FP-A

| Kod      | Açıklama       | D   | dh7 | L  | B  | d1 | d2   | d3 | d4  | d5 | l  | l2 | d' | d'' | t    | b  | C#<br>[Nm] | L#<br>[J] | ⚖    |
|----------|----------------|-----|-----|----|----|----|------|----|-----|----|----|----|----|-----|------|----|------------|-----------|------|
| 73650-10 | VDN.50 FP-A10  | 50  | 10  | 22 | 12 | 16 | 16   | -  | 25  | 26 | 19 | 9  | 12 | 10  | 11.4 | 3  | 55         | 3         | 51   |
| 73670-10 | VDN.63 FP-A10  | 63  | 10  | 28 | 13 | 20 | 20   | -  | 31  | 28 | 24 | 10 | 13 | 11  | 12.8 | 4  | 75         | 4         | 100  |
| 73690-10 | VDN.80 FP-A10  | 80  | 10  | 31 | 14 | 20 | 18   | 28 | 43  | 30 | 28 | 10 | 13 | 11  | 12.8 | 4  | 120        | 5         | 130  |
| 73690-12 | VDN.80 FP-A12  | 80  | 12  | 31 | 14 | 20 | 18   | 28 | 43  | 30 | 28 | 10 | 13 | 12  | 13.8 | 4  | 120        | 5         | 125  |
| 73709-10 | VDN.100 FP-A10 | 100 | 10  | 40 | 15 | 24 | 22   | 35 | 54  | 39 | 36 | 12 | 16 | 13  | 15.3 | 5  | 150        | 6         | 240  |
| 73709-12 | VDN.100 FP-A12 | 100 | 12  | 40 | 15 | 24 | 22   | 35 | 54  | 39 | 36 | 12 | 16 | 13  | 15.3 | 5  | 150        | 6         | 232  |
| 73719-12 | VDN.125 FP-A12 | 125 | 12  | 44 | 15 | 32 | 26.5 | 44 | 70  | 46 | 38 | 15 | 20 | 16  | 18.3 | 5  | 300        | 8         | 362  |
| 73719-14 | VDN.125 FP-A14 | 125 | 14  | 44 | 15 | 32 | 26.5 | 44 | 70  | 46 | 38 | 15 | 20 | 16  | 18.3 | 5  | 300        | 8         | 350  |
| 73723-14 | VDN.140 FP-A14 | 140 | 14  | 46 | 19 | 32 | 26.5 | 44 | 70  | 48 | 38 | 15 | 20 | 16  | 18.3 | 5  | 350        | 10        | 429  |
| 73729-14 | VDN.150 FP-A14 | 150 | 14  | 49 | 18 | 32 | 26.5 | 44 | 70  | 48 | 38 | 15 | 20 | 16  | 18.3 | 5  | 400        | 14        | 478  |
| 73729-16 | VDN.150 FP-A16 | 150 | 16  | 49 | 18 | 32 | 26.5 | 44 | 70  | 48 | 38 | 15 | 20 | 16  | 18.3 | 5  | 400        | 14        | 466  |
| 73739-16 | VDN.175 FP-A16 | 175 | 16  | 54 | 19 | 40 | 33   | 55 | 90  | 56 | 43 | 15 | 26 | 22  | 24.8 | 6  | 500        | 16        | 710  |
| 73739-18 | VDN.175 FP-A18 | 175 | 18  | 54 | 19 | 40 | 33   | 55 | 90  | 56 | 43 | 15 | 26 | 22  | 24.8 | 6  | 500        | 16        | 714  |
| 73749-18 | VDN.200 FP-A18 | 200 | 18  | 58 | 22 | 40 | 33   | 55 | 90  | 60 | 43 | 15 | 26 | 22  | 24.8 | 6  | 600        | 18        | 1096 |
| 73749-20 | VDN.200 FP-A20 | 200 | 20  | 58 | 22 | 40 | 33   | 55 | 90  | 60 | 43 | 15 | 26 | 22  | 24.8 | 6  | 600        | 18        | 1088 |
| 73769-22 | VDN.250 FP-A22 | 249 | 22  | 65 | 25 | 49 | 40   | 66 | 110 | 70 | 44 | 15 | 35 | 27  | 30.3 | 8  | 1000       | 28        | 1575 |
| 73780-26 | VDN.300 FP-A26 | 301 | 26  | 75 | 25 | 58 | 58   | 94 | 148 | 82 | 56 | 18 | 42 | 38  | 41.3 | 10 | 1100       | 35        | 2755 |

## VDN.FP+I-A

| Kod      | Açıklama         | D   | dh7 | L  | B  | d1 | d2   | d3 | d4  | d5 | l    | l2 | H  | m   | R    | d' | d'' | t    | b  | C#<br>[Nm] | L#<br>[J] | ⚖    |
|----------|------------------|-----|-----|----|----|----|------|----|-----|----|------|----|----|-----|------|----|-----|------|----|------------|-----------|------|
| 73651-10 | VDN.50 FP+I-A10  | 50  | 10  | 22 | 12 | 16 | 16   | -  | 25  | 26 | 19   | 9  | 28 | M6  | 19   | 12 | 10  | 11.4 | 3  | 55         | 3         | 64   |
| 73671-10 | VDN.63 FP+I-A10  | 63  | 10  | 28 | 13 | 20 | 20   | -  | 31  | 28 | 24   | 10 | 40 | M6  | 24   | 13 | 11  | 12.8 | 4  | 75         | 4         | 131  |
| 73691-10 | VDN.80 FP+I-A10  | 80  | 10  | 31 | 14 | 20 | 18   | 28 | 43  | 30 | 28   | 10 | 40 | M6  | 32   | 13 | 11  | 12.8 | 4  | 120        | 5         | 160  |
| 73691-12 | VDN.80 FP+I-A12  | 80  | 12  | 31 | 14 | 20 | 18   | 28 | 43  | 30 | 28   | 10 | 40 | M6  | 32   | 13 | 11  | 12.8 | 4  | 120        | 5         | 157  |
| 73710-10 | VDN.100 FP+I-A10 | 100 | 10  | 46 | 21 | 24 | 20   | 35 | 54  | 39 | 33.5 | 12 | 50 | M6  | 39   | 16 | 13  | 15.3 | 5  | 150        | 6         | 361  |
| 73710-12 | VDN.100 FP+I-A12 | 100 | 12  | 46 | 21 | 24 | 20   | 35 | 54  | 39 | 33.5 | 12 | 50 | M6  | 39   | 16 | 13  | 15.3 | 5  | 150        | 6         | 358  |
| 73720-12 | VDN.125 FP+I-A12 | 125 | 12  | 57 | 28 | 32 | 26.5 | 44 | 70  | 46 | 38   | 15 | 65 | M8  | 50   | 20 | 16  | 18.3 | 5  | 300        | 8         | 568  |
| 73720-14 | VDN.125 FP+I-A14 | 125 | 14  | 57 | 28 | 32 | 26.5 | 44 | 70  | 46 | 38   | 15 | 65 | M8  | 50   | 20 | 16  | 18.3 | 5  | 300        | 8         | 565  |
| 73724-14 | VDN.140 FP+I-A14 | 140 | 14  | 55 | 28 | 32 | 26.5 | 44 | 70  | 48 | 38   | 15 | 65 | M8  | 58   | 20 | 16  | 18.3 | 5  | 350        | 10        | 578  |
| 73730-14 | VDN.150 FP+I-A14 | 150 | 14  | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65 | M8  | 62   | 20 | 16  | 18.3 | 5  | 400        | 14        | 737  |
| 73730-16 | VDN.150 FP+I-A16 | 150 | 16  | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65 | M8  | 62   | 20 | 16  | 18.3 | 5  | 400        | 14        | 734  |
| 73740-16 | VDN.175 FP+I-A16 | 175 | 16  | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80 | M10 | 72.5 | 26 | 22  | 24.8 | 6  | 500        | 16        | 1089 |
| 73740-18 | VDN.175 FP+I-A18 | 175 | 18  | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80 | M10 | 72.5 | 26 | 22  | 24.8 | 6  | 500        | 16        | 1087 |
| 73750-18 | VDN.200 FP+I-A18 | 200 | 18  | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90 | M10 | 82   | 26 | 22  | 24.8 | 6  | 600        | 18        | 1314 |
| 73750-20 | VDN.200 FP+I-A20 | 200 | 20  | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90 | M10 | 82   | 26 | 22  | 24.8 | 6  | 600        | 18        | 1308 |
| 73760-20 | VDN.225 FP+I-A20 | 225 | 20  | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90 | M10 | 94   | 34 | 27  | 30.3 | 8  | 900        | 25        | 1708 |
| 73760-22 | VDN.225 FP+I-A22 | 225 | 22  | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90 | M10 | 94   | 34 | 27  | 30.3 | 8  | 900        | 25        | 1702 |
| 73770-22 | VDN.250 FP+I-A22 | 249 | 22  | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90 | M10 | 106  | 35 | 27  | 30.3 | 8  | 1000       | 28        | 2100 |
| 73770-24 | VDN.250 FP+I-A24 | 249 | 24  | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90 | M10 | 106  | 35 | 27  | 30.3 | 8  | 1000       | 28        | 2097 |
| 73781-26 | VDN.300 FP+I-A26 | 301 | 26  | 87 | 36 | 58 | 58   | 94 | 148 | 82 | 56   | 18 | 90 | M10 | 132  | 42 | 38  | 41.3 | 10 | 1100       | 35        | 3026 |

## VDN.FP+IR-A

| Kod      | Açıklama          | D   | dh7 | L  | B  | d1 | d2   | d3 | d4  | d5 | l    | l2 | H  | R    | d' | d'' | t    | b  | C#<br>[Nm] | L#<br>[J] | ⚖    |
|----------|-------------------|-----|-----|----|----|----|------|----|-----|----|------|----|----|------|----|-----|------|----|------------|-----------|------|
| 73711-10 | VDN.100 FP+IR-A10 | 100 | 10  | 51 | 26 | 24 | 20   | 35 | 54  | 39 | 33.5 | 12 | 56 | 37   | 16 | 13  | 15.3 | 5  | 150        | 6         | 427  |
| 73721-12 | VDN.125 FP+IR-A12 | 125 | 12  | 57 | 28 | 32 | 26.5 | 44 | 70  | 46 | 38   | 15 | 56 | 48   | 20 | 16  | 18.3 | 5  | 300        | 8         | 596  |
| 73731-14 | VDN.150 FP+IR-A14 | 150 | 14  | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65 | 57   | 20 | 16  | 18.3 | 5  | 400        | 14        | 803  |
| 73741-16 | VDN.175 FP+IR-A16 | 175 | 16  | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80 | 68   | 26 | 22  | 24.8 | 6  | 500        | 16        | 1147 |
| 73751-20 | VDN.200 FP+IR-A20 | 200 | 20  | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90 | 76.5 | 26 | 22  | 24.8 | 6  | 600        | 18        | 1462 |
| 73761-20 | VDN.225 FP+IR-A20 | 225 | 20  | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90 | 88   | 34 | 27  | 30.3 | 8  | 900        | 25        | 1856 |
| 73771-22 | VDN.250 FP+IR-A22 | 249 | 22  | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90 | 100  | 35 | 27  | 30.3 | 8  | 1000       | 28        | 2248 |
| 73782-26 | VDN.300 FP+IR-A26 | 301 | 26  | 87 | 36 | 58 | 58   | 94 | 148 | 82 | 56   | 18 | 90 | 124  | 42 | 38  | 41.3 | 10 | 1100       | 35        | 3212 |

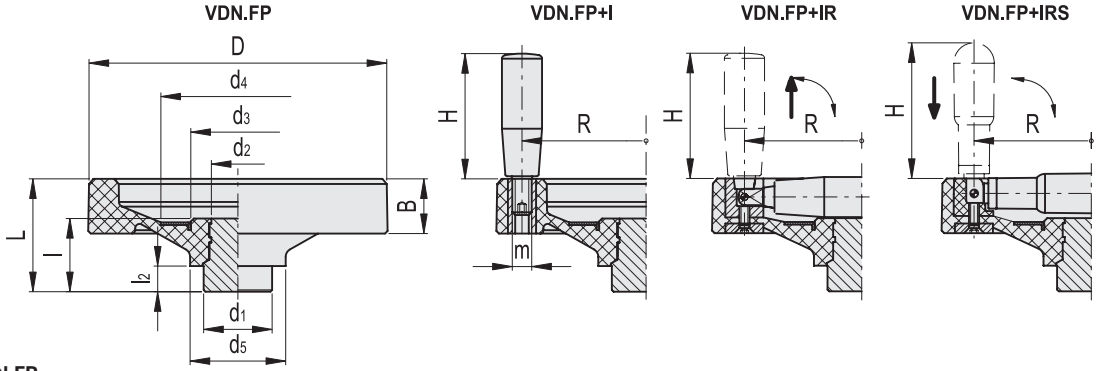
## VDN.FP+IRS-A

| Kod      | Açıklama           | D   | dh7 | L  | B  | d1 | d2   | d3 | d4  | d5 | l    | l2 | H  | R    | d' | d'' | t    | b | C#<br>[Nm] | L#<br>[J] | ⚖    |
|----------|--------------------|-----|-----|----|----|----|------|----|-----|----|------|----|----|------|----|-----|------|---|------------|-----------|------|
| 73732-14 | VDN.150 FP+IRS-A14 | 150 | 14  | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65 | 57   | 20 | 16  | 18.3 | 5 | 400        | 14        | 652  |
| 73742-16 | VDN.175 FP+IRS-A16 | 175 | 16  | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80 | 68   | 26 | 22  | 24.8 | 6 | 500        | 16        | 938  |
| 73752-20 | VDN.200 FP+IRS-A20 | 200 | 20  | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90 | 74.5 | 26 | 22  | 24.8 | 6 | 600        | 18        | 1252 |
| 73762-20 | VDN.225 FP+IRS-A20 | 225 | 20  | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90 | 86   | 34 | 27  | 30.3 | 8 | 900        | 25        | 1496 |
| 73772-22 | VDN.250 FP+IRS-A22 | 249 | 22  | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90 | 98   | 35 | 27  | 30.3 | 8 | 1000       | 28        | 1852 |

\* Delik ve kama kanallı uygulamayı sipariş etmek için, kod ve açıklamadan sonra -K indeksini ekleyin (örn. 73650-10-K VDN.50 FP-A-10-K).

# Maksimum tork (C) ve darbe direnci (L) bakınız Teknik veriler.





## VDN.FP

| Kod   | Açıklama   | D   | L  | B  | d1 | d2   | d3 | d4  | d5 | I  | I2 | d' | d'' | t    | b  | C#<br>[Nm] | L#<br>[J] | ⚖    |
|-------|------------|-----|----|----|----|------|----|-----|----|----|----|----|-----|------|----|------------|-----------|------|
| 73650 | VDN.50 FP  | 50  | 22 | 12 | 16 | 16   | -  | 25  | 26 | 19 | 9  | 12 | 10  | 11.4 | 3  | 55         | 3         | 61   |
| 73670 | VDN.63 FP  | 63  | 28 | 13 | 20 | 20   | -  | 31  | 28 | 24 | 10 | 13 | 11  | 12.8 | 4  | 75         | 4         | 112  |
| 73690 | VDN.80 FP  | 80  | 31 | 14 | 20 | 18   | 28 | 43  | 30 | 28 | 10 | 13 | 11  | 12.8 | 4  | 120        | 5         | 142  |
| 73709 | VDN.100 FP | 100 | 40 | 15 | 24 | 22   | 35 | 54  | 39 | 36 | 12 | 16 | 13  | 15.3 | 5  | 150        | 6         | 260  |
| 73719 | VDN.125 FP | 125 | 44 | 15 | 32 | 26.5 | 44 | 70  | 46 | 38 | 15 | 20 | 16  | 18.3 | 5  | 300        | 8         | 394  |
| 73723 | VDN.140 FP | 140 | 46 | 19 | 32 | 26.5 | 44 | 70  | 48 | 38 | 15 | 20 | 16  | 18.3 | 5  | 350        | 10        | 476  |
| 73729 | VDN.150 FP | 150 | 49 | 18 | 32 | 26.5 | 44 | 70  | 48 | 38 | 15 | 20 | 16  | 18.3 | 5  | 400        | 14        | 522  |
| 73739 | VDN.175 FP | 175 | 54 | 19 | 40 | 33   | 55 | 90  | 56 | 43 | 15 | 26 | 22  | 24.8 | 6  | 500        | 16        | 781  |
| 73749 | VDN.200 FP | 200 | 58 | 22 | 40 | 33   | 55 | 90  | 60 | 43 | 15 | 26 | 22  | 24.8 | 6  | 600        | 18        | 1002 |
| 73759 | VDN.225 FP | 225 | 63 | 23 | 49 | 40   | 66 | 110 | 66 | 44 | 15 | 34 | 27  | 30.3 | 8  | 900        | 25        | 1398 |
| 73769 | VDN.250 FP | 249 | 65 | 25 | 49 | 40   | 66 | 110 | 70 | 44 | 15 | 35 | 27  | 30.3 | 8  | 1000       | 28        | 1551 |
| 73780 | VDN.300 FP | 301 | 75 | 25 | 58 | 58   | 94 | 148 | 82 | 56 | 18 | 42 | 38  | 41.3 | 10 | 1100       | 35        | 2785 |
| 73790 | VDN.350 FP | 350 | 92 | 38 | 58 | 58   | 94 | 148 | 90 | 56 | 18 | 42 | 38  | 41.3 | 10 | 1200       | 36        | 4238 |

## VDN.FP+I

| Kod   | Açıklama     | D   | L  | B  | d1 | d2   | d3 | d4  | d5 | I    | I2 | H   | m   | R    | d' | d'' | t    | b  | C#<br>[Nm] | L#<br>[J] | ⚖    |
|-------|--------------|-----|----|----|----|------|----|-----|----|------|----|-----|-----|------|----|-----|------|----|------------|-----------|------|
| 73651 | VDN.50 FP+I  | 50  | 22 | 12 | 16 | 16   | -  | 25  | 26 | 19   | 9  | 28  | M6  | 19   | 12 | 10  | 11.4 | 3  | 55         | 3         | 75   |
| 73671 | VDN.63 FP+I  | 63  | 28 | 13 | 20 | 20   | -  | 31  | 28 | 24   | 10 | 40  | M6  | 24   | 13 | 11  | 12.8 | 4  | 75         | 4         | 142  |
| 73691 | VDN.80 FP+I  | 80  | 31 | 14 | 20 | 18   | 28 | 43  | 30 | 28   | 10 | 40  | M6  | 32   | 13 | 11  | 12.8 | 4  | 120        | 5         | 171  |
| 73710 | VDN.100 FP+I | 100 | 46 | 21 | 24 | 20   | 35 | 54  | 39 | 33.5 | 12 | 50  | M6  | 39   | 16 | 13  | 15.3 | 5  | 150        | 6         | 307  |
| 73720 | VDN.125 FP+I | 125 | 57 | 28 | 32 | 26.5 | 44 | 70  | 46 | 38   | 15 | 65  | M8  | 50   | 20 | 16  | 18.3 | 5  | 300        | 8         | 562  |
| 73724 | VDN.140 FP+I | 140 | 55 | 28 | 32 | 26.5 | 44 | 70  | 48 | 38   | 15 | 65  | M8  | 58   | 20 | 16  | 18.3 | 5  | 300        | 14        | 624  |
| 73730 | VDN.150 FP+I | 150 | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65  | M8  | 62   | 20 | 16  | 18.3 | 5  | 400        | 14        | 687  |
| 73740 | VDN.175 FP+I | 175 | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80  | M10 | 72.5 | 26 | 22  | 24.8 | 6  | 500        | 16        | 1017 |
| 73750 | VDN.200 FP+I | 200 | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90  | M10 | 82   | 26 | 22  | 24.8 | 6  | 600        | 18        | 1240 |
| 73760 | VDN.225 FP+I | 225 | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90  | M10 | 94   | 34 | 27  | 30.3 | 8  | 900        | 25        | 1636 |
| 73770 | VDN.250 FP+I | 249 | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90  | M10 | 106  | 35 | 27  | 30.3 | 8  | 1000       | 28        | 1938 |
| 73781 | VDN.300 FP+I | 301 | 87 | 36 | 58 | 58   | 94 | 148 | 82 | 56   | 18 | 90  | M10 | 132  | 42 | 38  | 41.3 | 10 | 1100       | 35        | 3169 |
| 73791 | VDN.350 FP+I | 350 | 92 | 38 | 58 | 58   | 94 | 148 | 90 | 56   | 18 | 102 | M10 | 157  | 42 | 38  | 41.3 | 10 | 1200       | 36        | 4388 |

## VDN.FP+IR

| Kod   | Açıklama      | D   | L  | B  | d1 | d2   | d3 | d4  | d5 | I    | I2 | H  | R    | d' | d'' | t    | b  | C#<br>[Nm] | L#<br>[J] | ⚖    |
|-------|---------------|-----|----|----|----|------|----|-----|----|------|----|----|------|----|-----|------|----|------------|-----------|------|
| 73711 | VDN.100 FP+IR | 100 | 51 | 26 | 24 | 20   | 35 | 54  | 39 | 33.5 | 12 | 56 | 37   | 16 | 13  | 15.3 | 5  | 150        | 6         | 357  |
| 73721 | VDN.125 FP+IR | 125 | 57 | 28 | 32 | 26.5 | 44 | 70  | 46 | 38   | 15 | 56 | 48   | 20 | 16  | 18.3 | 5  | 300        | 8         | 541  |
| 73731 | VDN.150 FP+IR | 150 | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65 | 57   | 20 | 16  | 18.3 | 5  | 400        | 14        | 717  |
| 73741 | VDN.175 FP+IR | 175 | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80 | 68   | 26 | 22  | 24.8 | 6  | 500        | 16        | 1045 |
| 73751 | VDN.200 FP+IR | 200 | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90 | 76.5 | 26 | 22  | 24.8 | 6  | 600        | 18        | 1305 |
| 73761 | VDN.225 FP+IR | 225 | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90 | 88   | 34 | 27  | 30.3 | 8  | 900        | 25        | 1698 |
| 73771 | VDN.250 FP+IR | 249 | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90 | 100  | 35 | 27  | 30.3 | 8  | 1000       | 28        | 2056 |
| 73782 | VDN.300 FP+IR | 301 | 87 | 36 | 58 | 58   | 94 | 148 | 82 | 56   | 18 | 90 | 124  | 42 | 38  | 41.3 | 10 | 1100       | 35        | 3212 |

## VDN.FP+IRS

| Kod   | Açıklama       | D   | L  | B  | d1 | d2   | d3 | d4  | d5 | I    | I2 | H  | R    | d' | d'' | t    | b | C#<br>[Nm] | L#<br>[J] | ⚖    |
|-------|----------------|-----|----|----|----|------|----|-----|----|------|----|----|------|----|-----|------|---|------------|-----------|------|
| 73732 | VDN.150 FP+IRS | 150 | 61 | 30 | 32 | 26.5 | 50 | 80  | 48 | 38   | 15 | 65 | 57   | 20 | 16  | 18.3 | 5 | 400        | 14        | 733  |
| 73742 | VDN.175 FP+IRS | 175 | 66 | 32 | 40 | 33   | 55 | 90  | 56 | 43   | 15 | 80 | 68   | 26 | 22  | 24.8 | 6 | 500        | 16        | 1053 |
| 73752 | VDN.200 FP+IRS | 200 | 68 | 32 | 40 | 33   | 55 | 90  | 60 | 43   | 15 | 90 | 74.5 | 26 | 22  | 24.8 | 6 | 600        | 18        | 1252 |
| 73762 | VDN.225 FP+IRS | 225 | 71 | 33 | 49 | 40   | 66 | 110 | 66 | 44.5 | 15 | 90 | 86   | 34 | 27  | 30.3 | 8 | 900        | 25        | 1646 |
| 73772 | VDN.250 FP+IRS | 249 | 76 | 36 | 49 | 40   | 66 | 110 | 70 | 44.5 | 15 | 90 | 98   | 35 | 27  | 30.3 | 8 | 1000       | 28        | 2038 |

# Maksimum tork (C) ve darbe direnci (L) bakınız Teknik veriler.